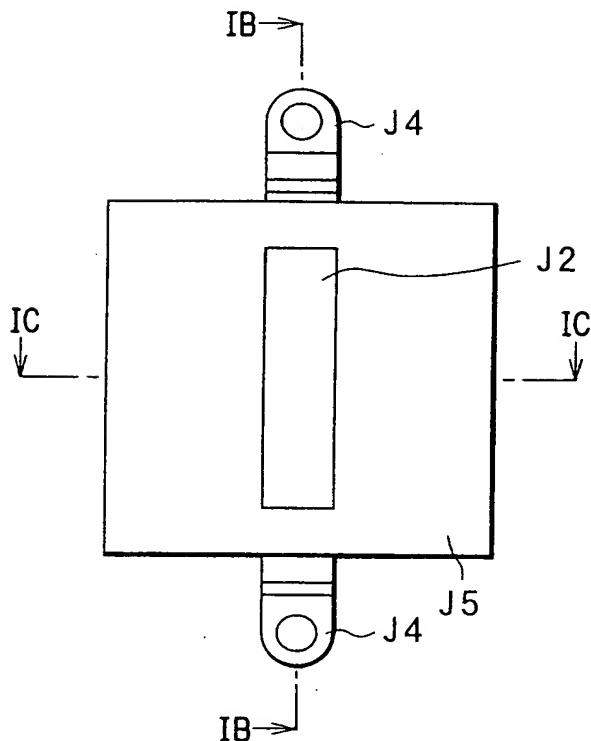


FIG. IA

FIG. IB

PRIOR ART



PRIOR ART

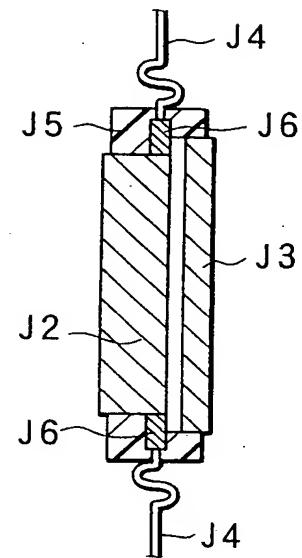


FIG. IC

PRIOR ART

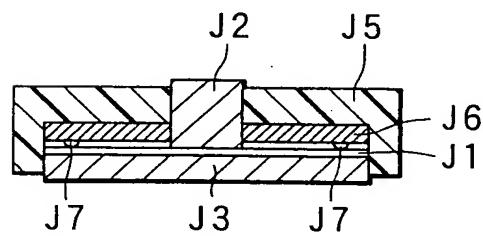


FIG. 2A

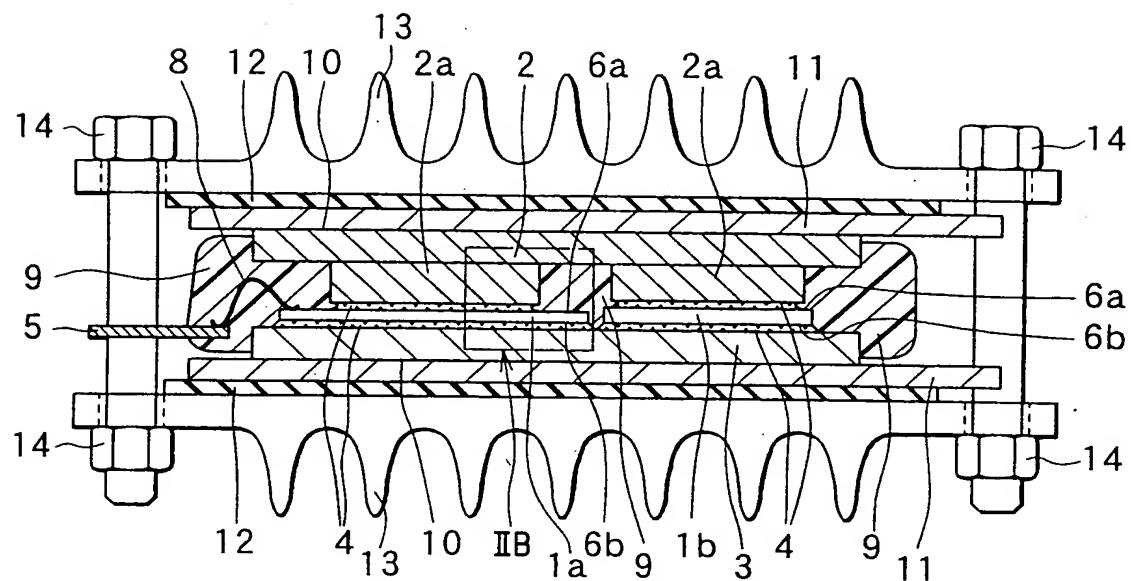


FIG. 2B

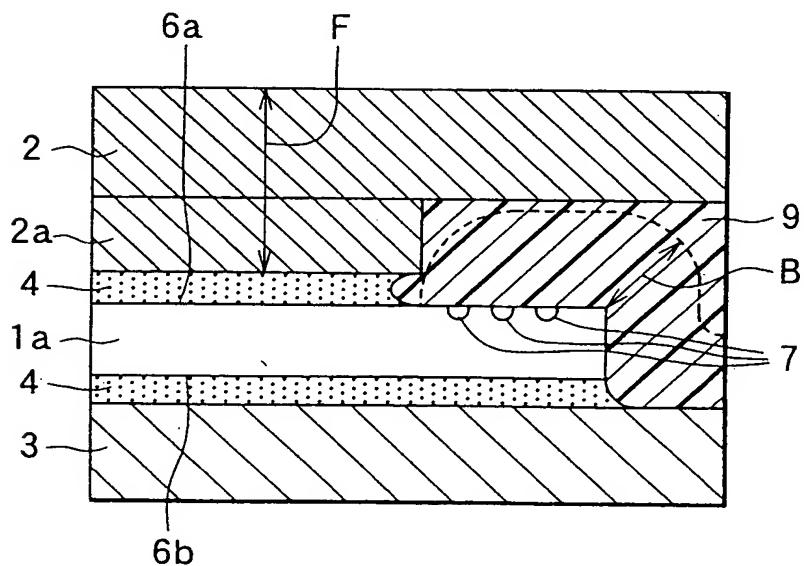


FIG. 3

NAME OF METAL	CHEMICAL COMPOSITION (%)													
	Fe	Zn	P	Ni	Si	Sn	NiB	Mn	Mg	Cr	Ti	B	Cu	Al
METAL a	2.3	0.1	0.03											REMAIN.
METAL b	2.4	0.12	0.03											REMAIN.
METAL c					3.0	0.7								REMAIN.
METAL d	1.5	0.5					0.5							REMAIN.
METAL e	1.0	0.05	0.1				1.0							REMAIN.
METAL f	0.75		0.03				1.25							REMAIN.
METAL g	0.05 0.15		0.025 0.040											REMAIN.
METAL h	0.05 0.4		0.05 0.1				0.05 0.2	0.05 0.45						REMAIN.
METAL i			0.15 OR LOWER	0.4	0.1		1.7							REMAIN.
METAL j	0.2		3.0	0.6	1.0									REMAIN.
METAL k	0.12 1.0	0.03 0.01		0.75	1.5			0.02	0.02	0.02	0.05	0.05	0.05	0.03 0.2 REMAIN.
METAL l	0.5	0.1			0.3	0.7		0.05	0.35	0.03	0.5	0.06	0.1	REMAIN.

FIG. 4A

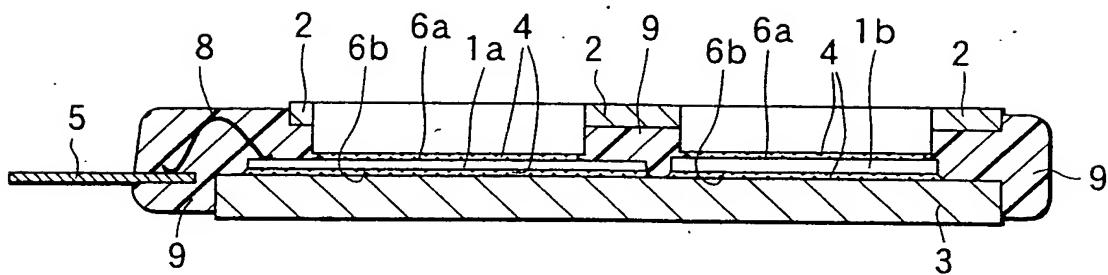


FIG. 4B

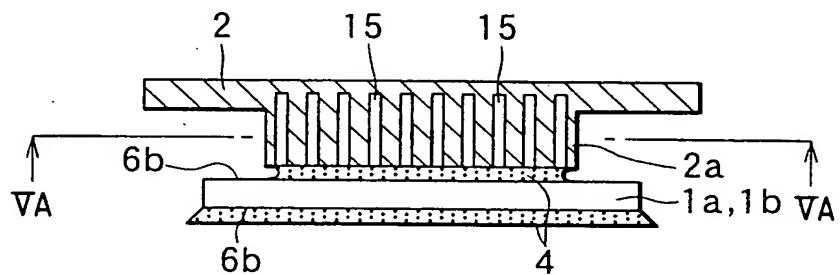


FIG. 4C

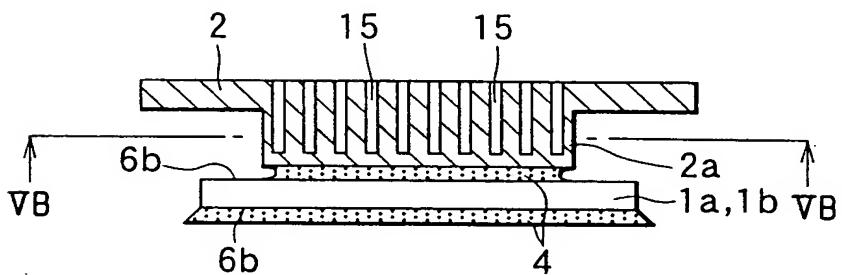


FIG. 4D

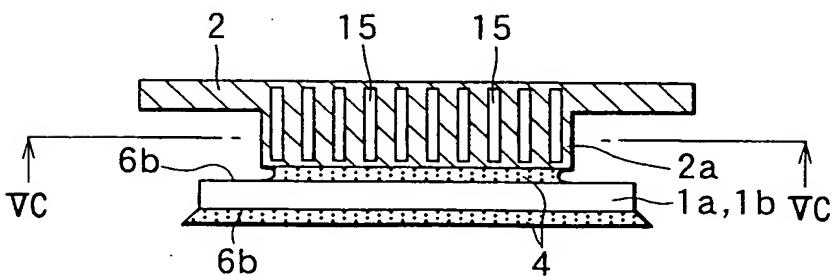


FIG. 5A

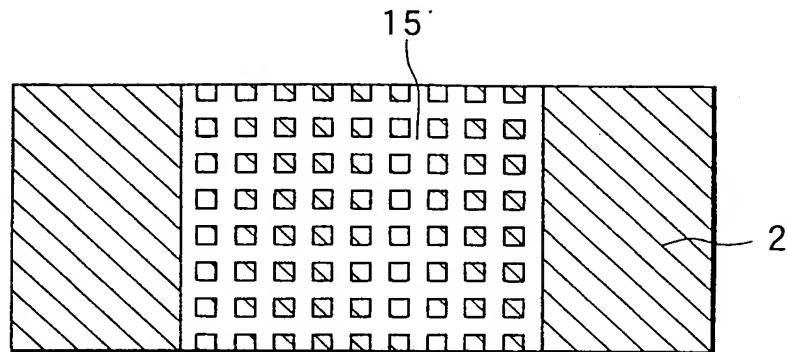


FIG. 5B

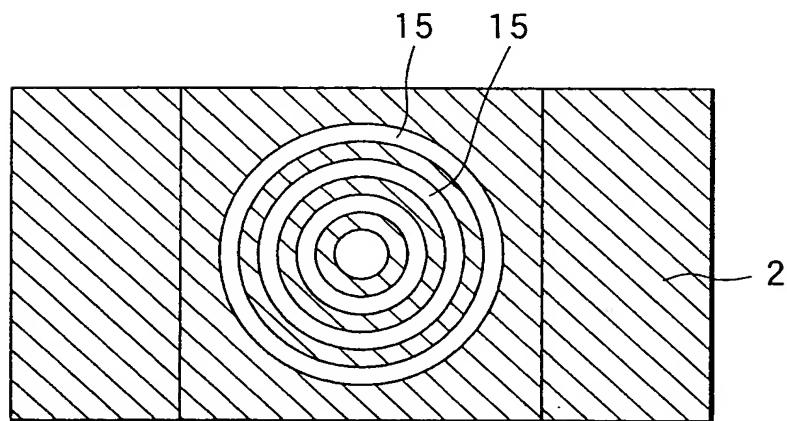


FIG. 5C

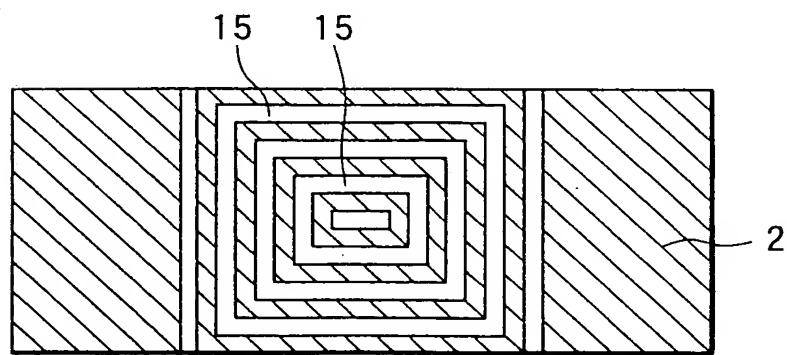


FIG. 6

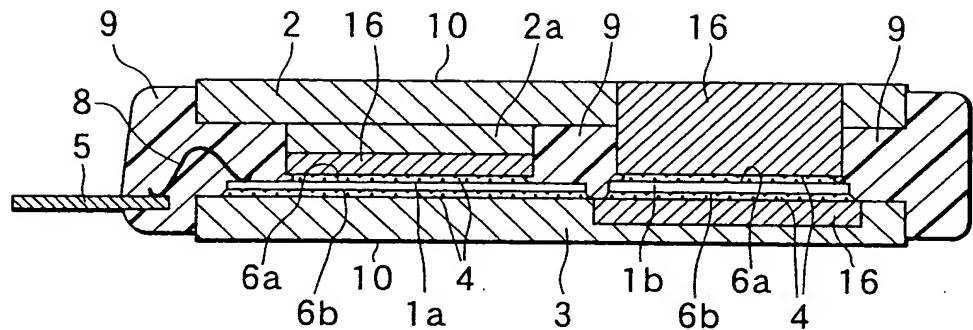


FIG. 7

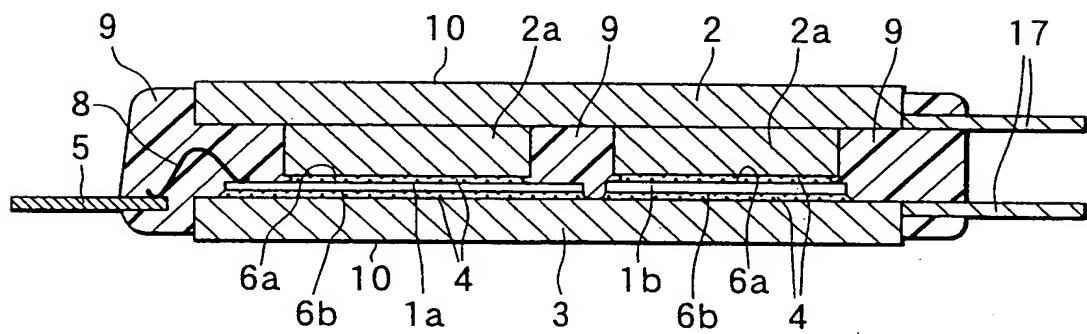


FIG. 8A

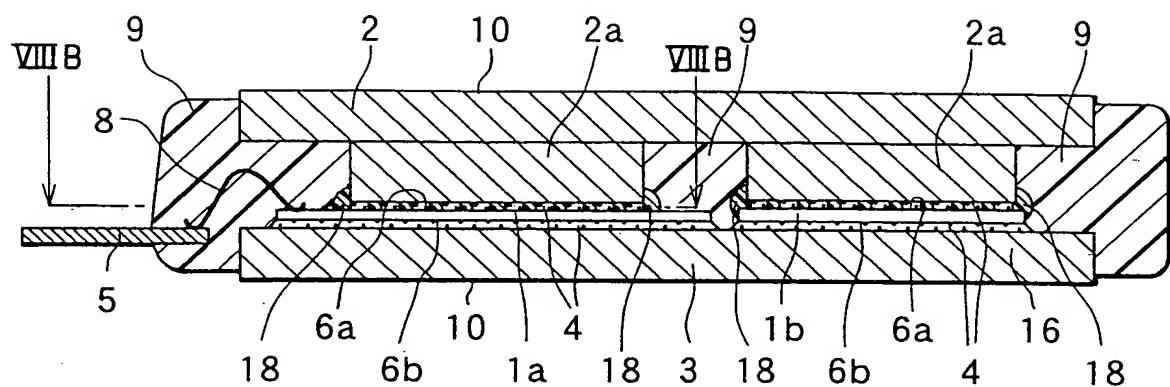


FIG. 8B

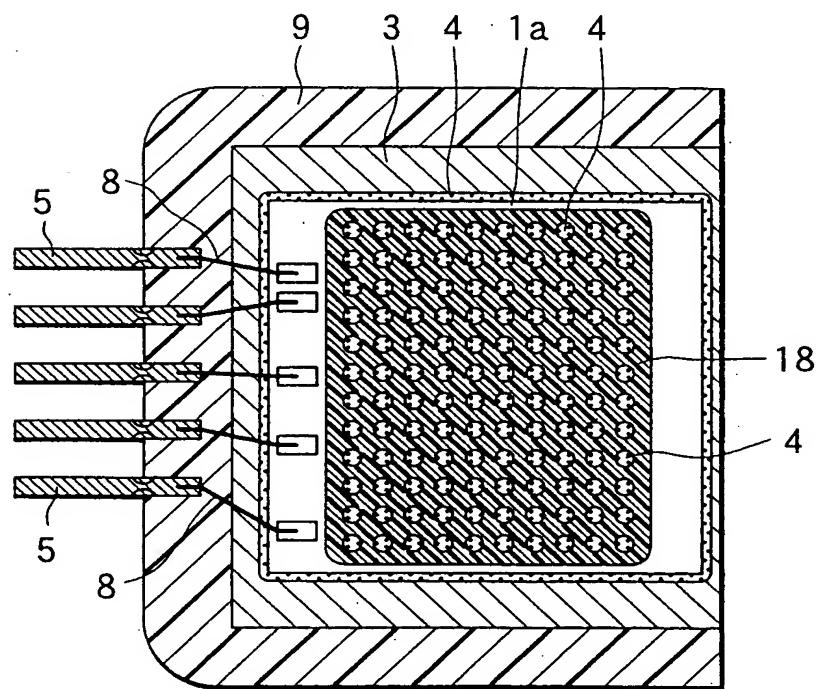


FIG. 9A

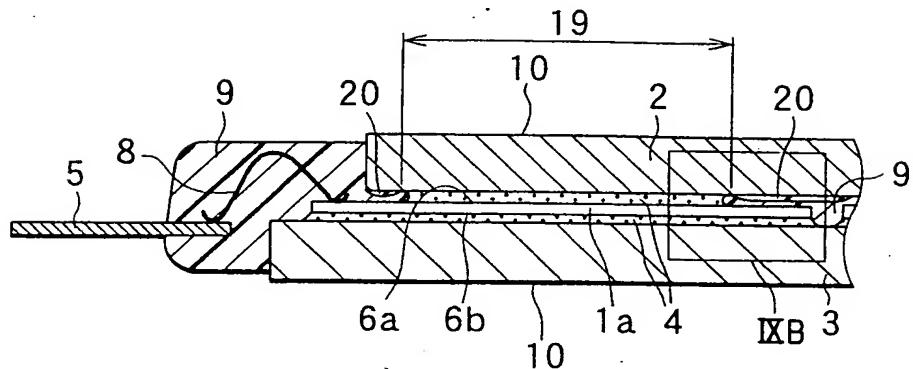


FIG. 9B

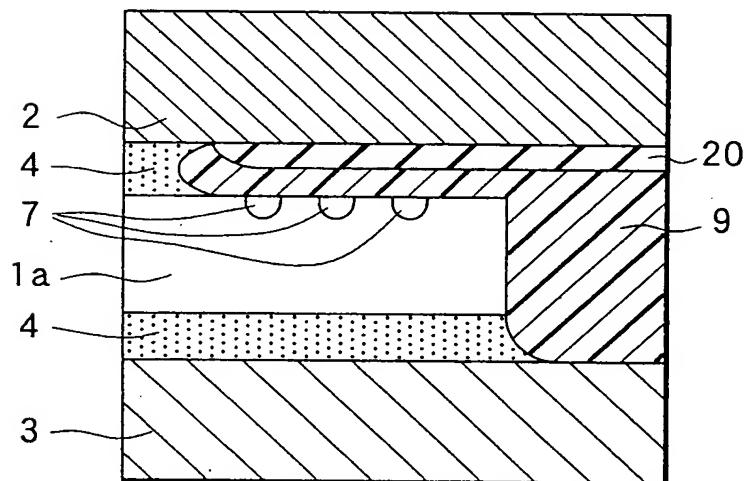


FIG. 9C

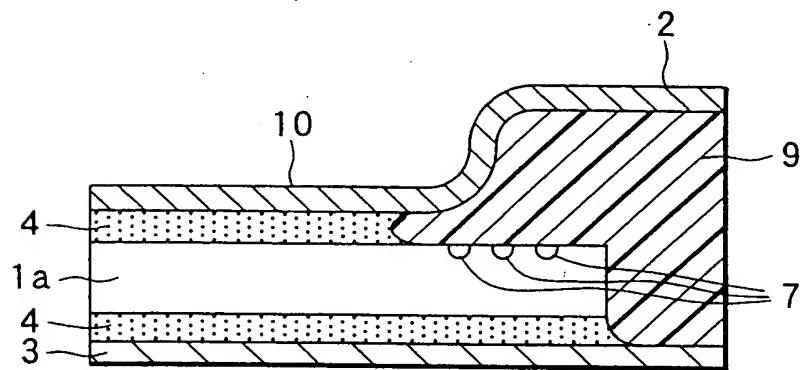


FIG. 10

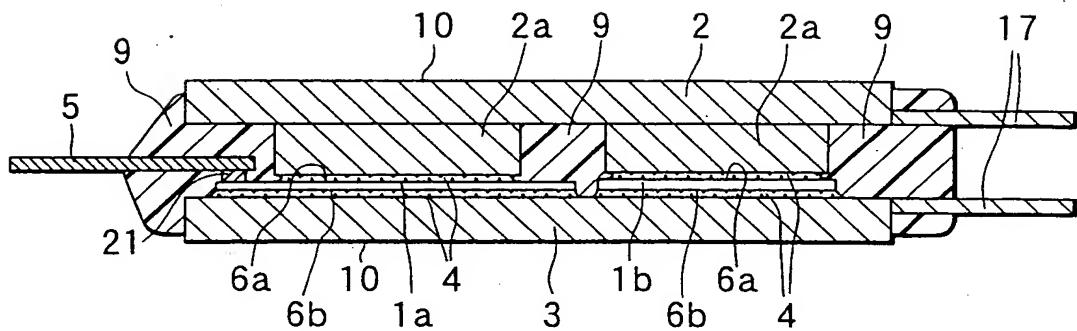


FIG. 11

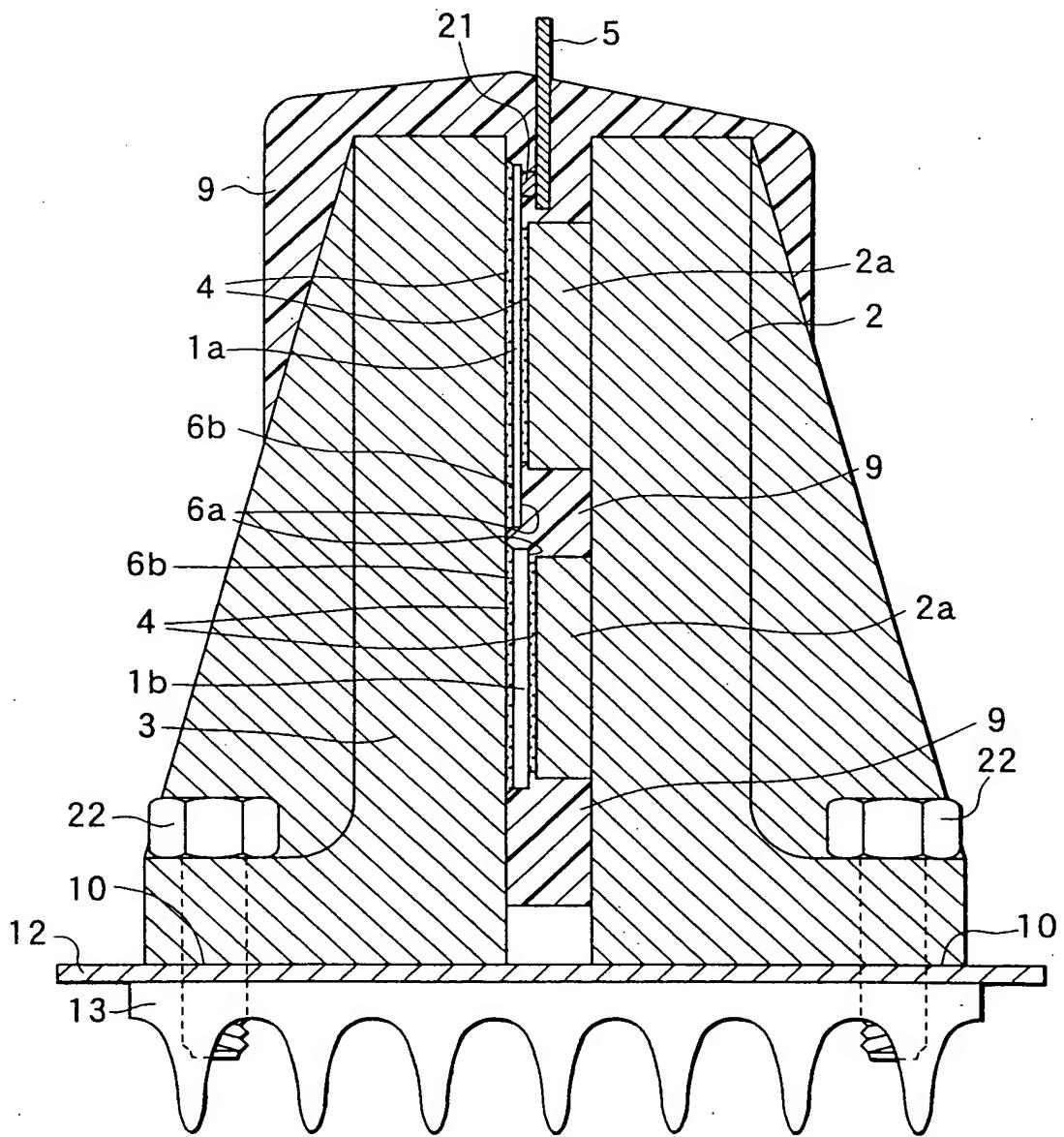


FIG. 12

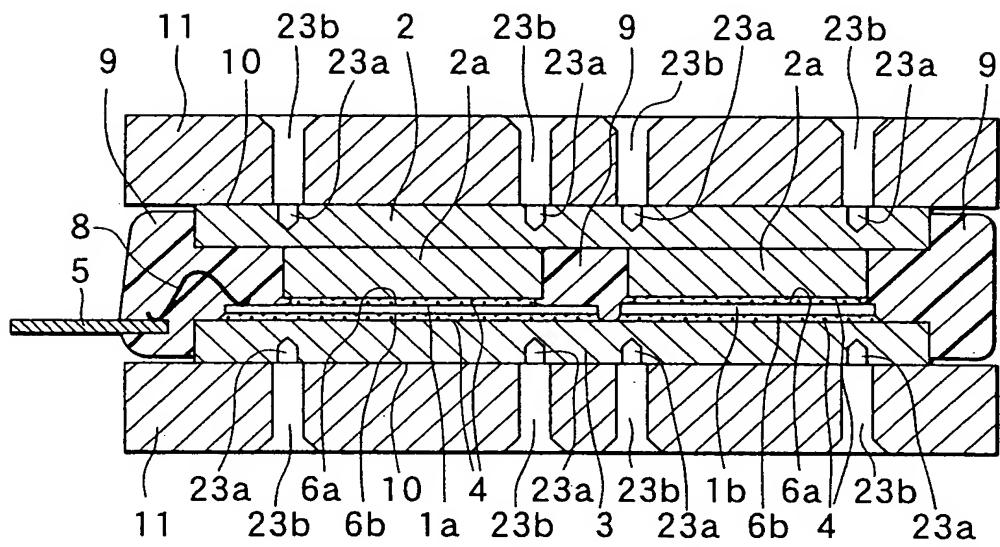


FIG. 13

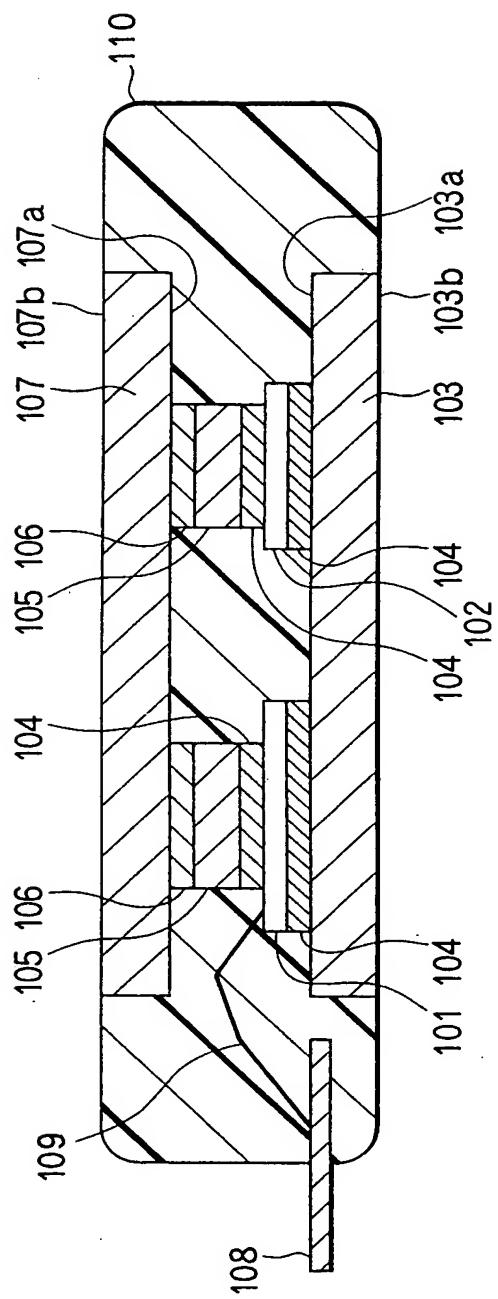


FIG. 14A

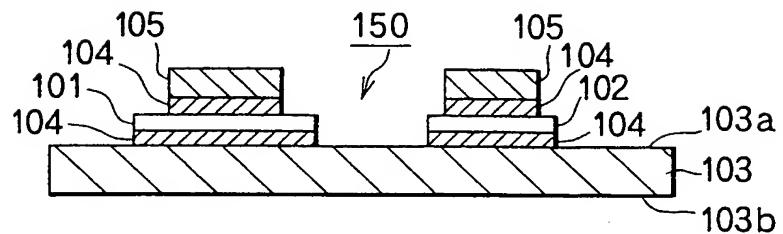


FIG. 14B

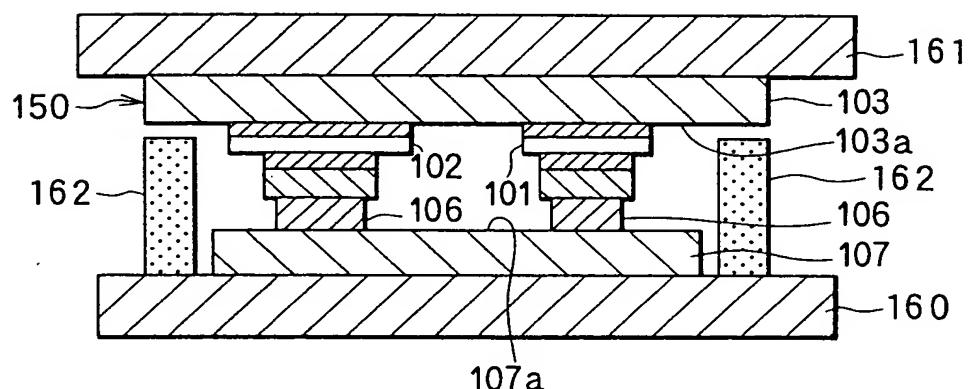


FIG. 14C

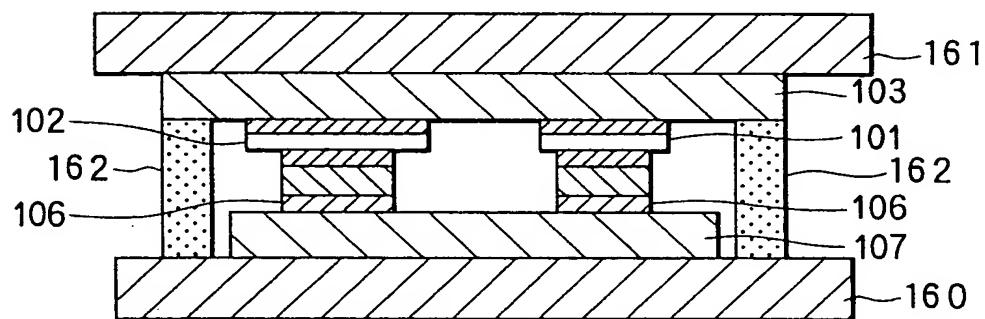


FIG. 15

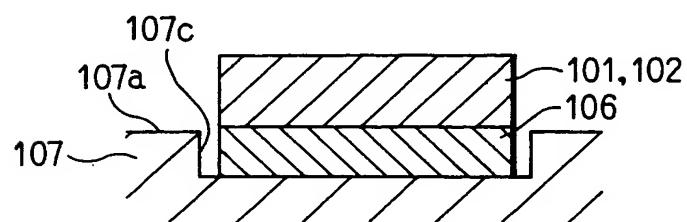


FIG. 16

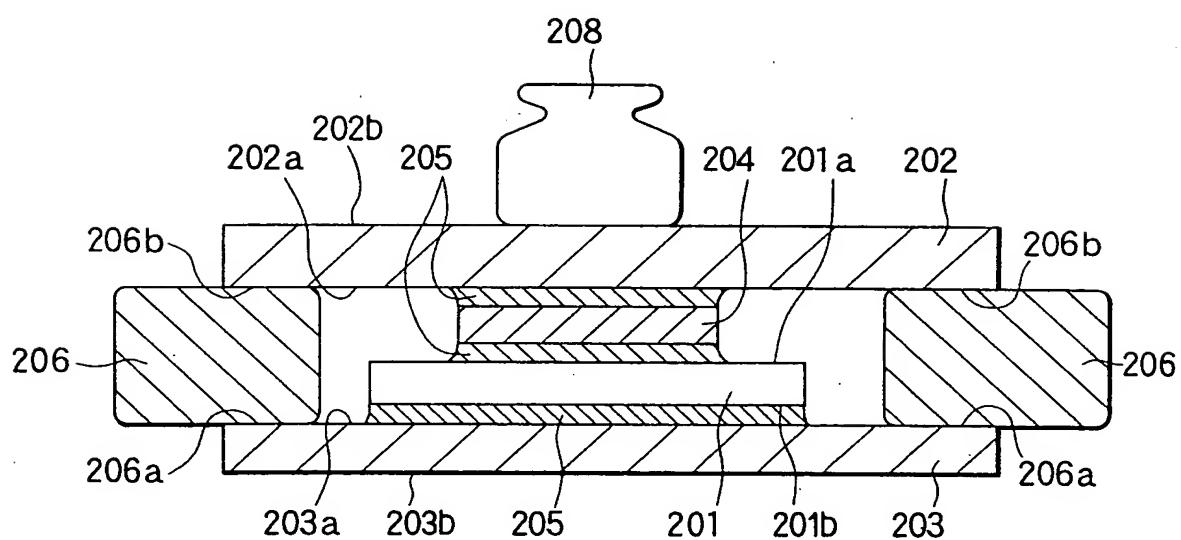


FIG. 17

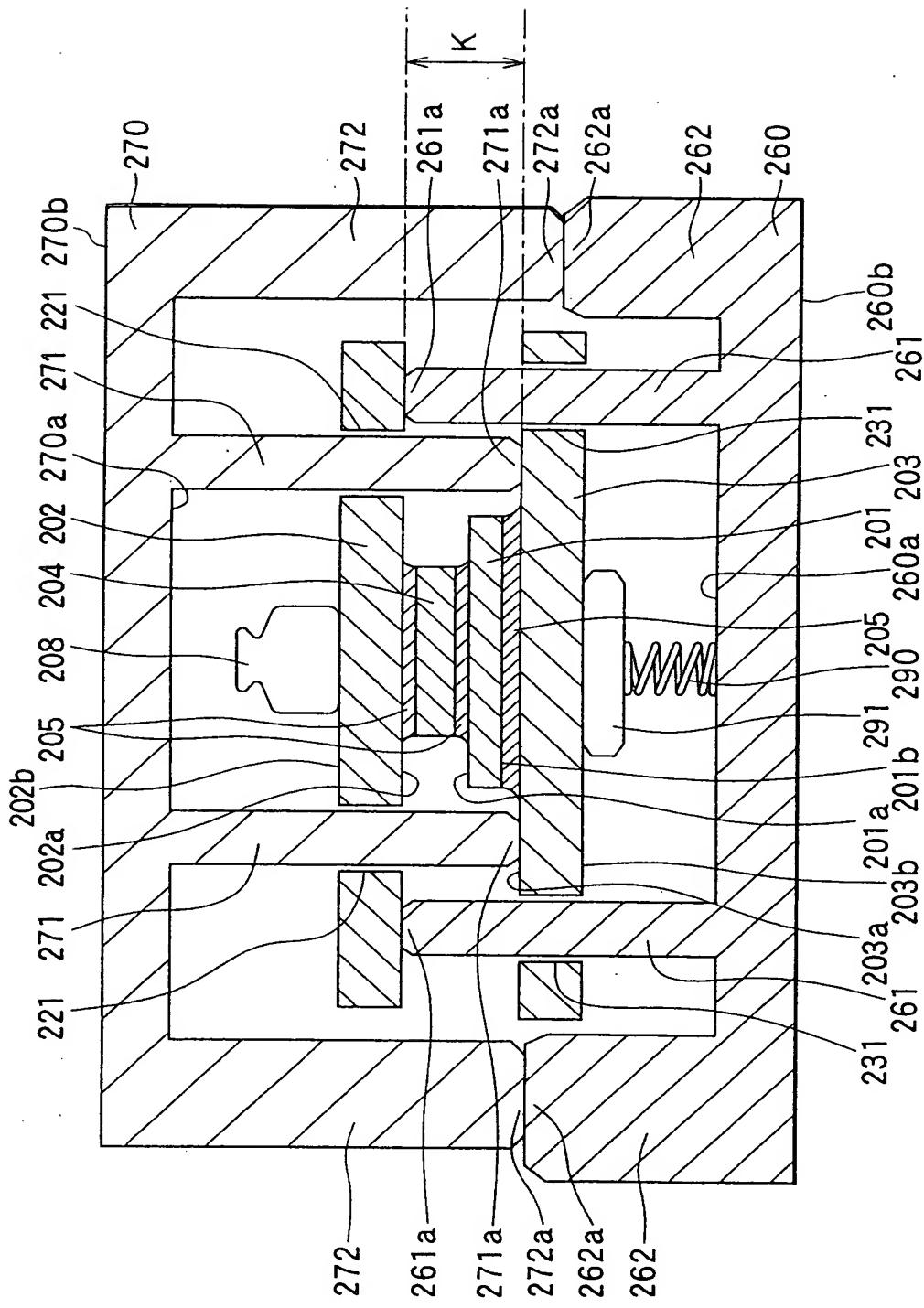
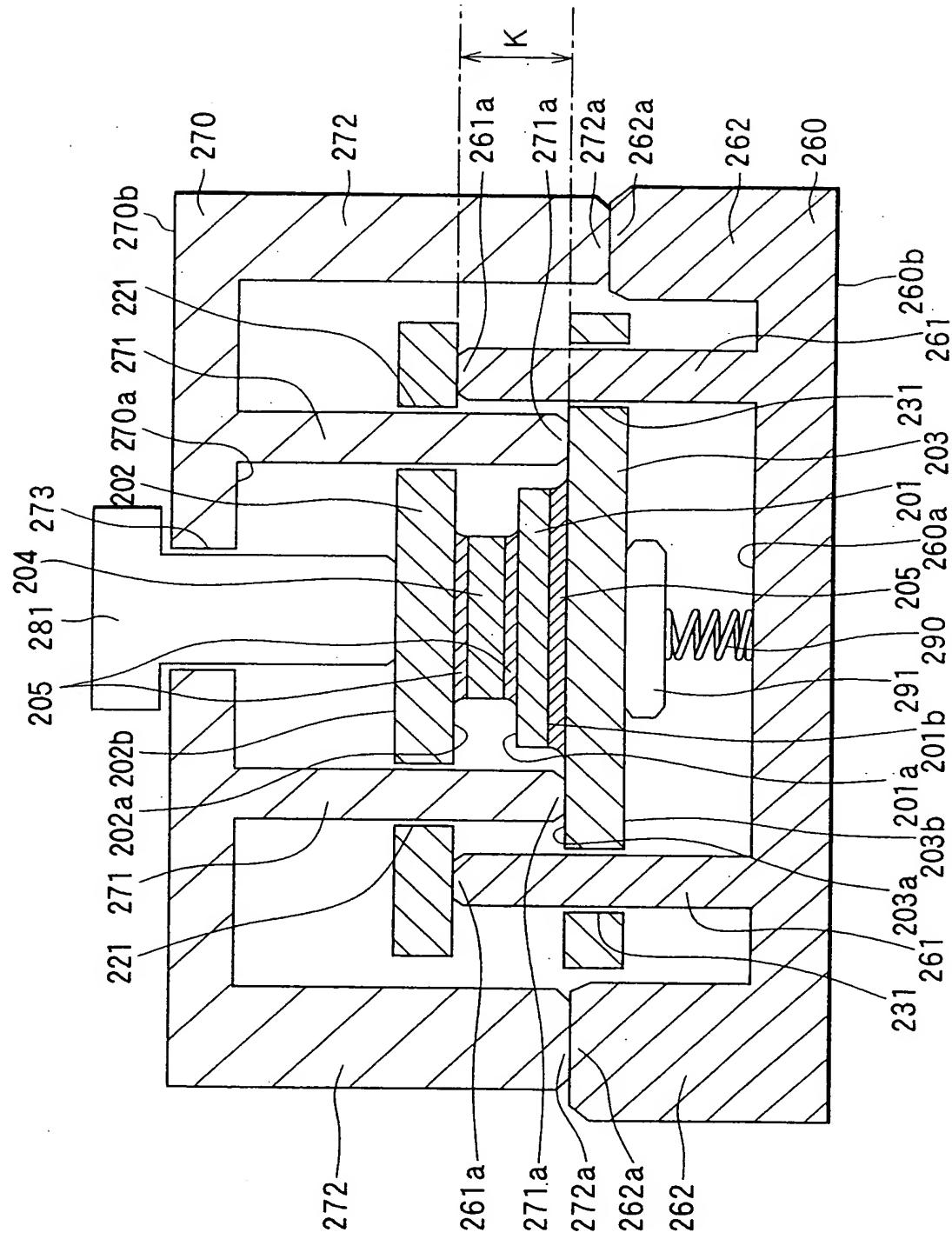


FIG. 18



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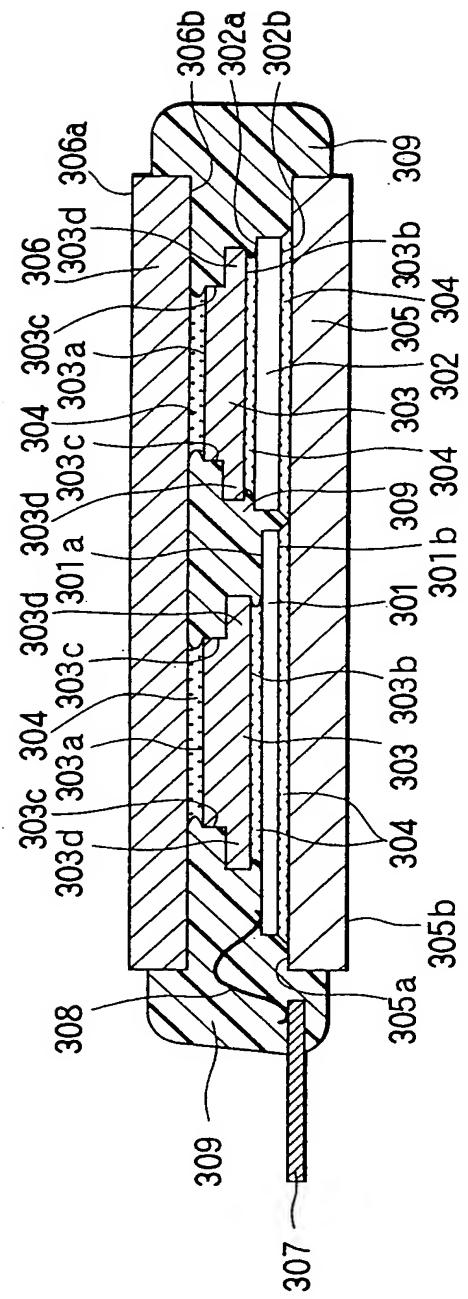


FIG. 20A

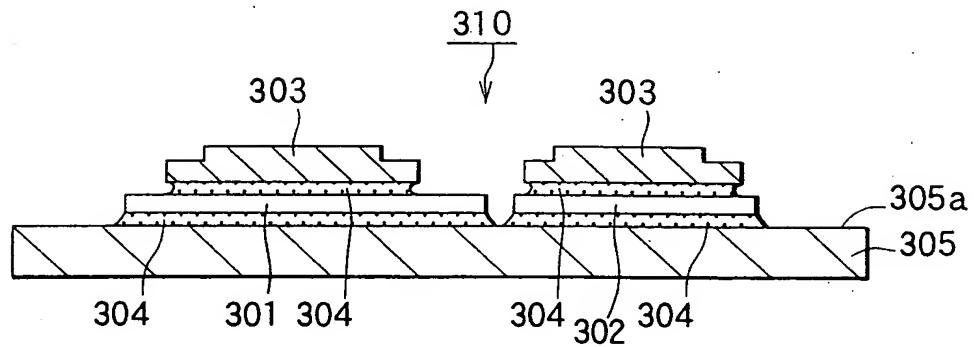


FIG. 20B

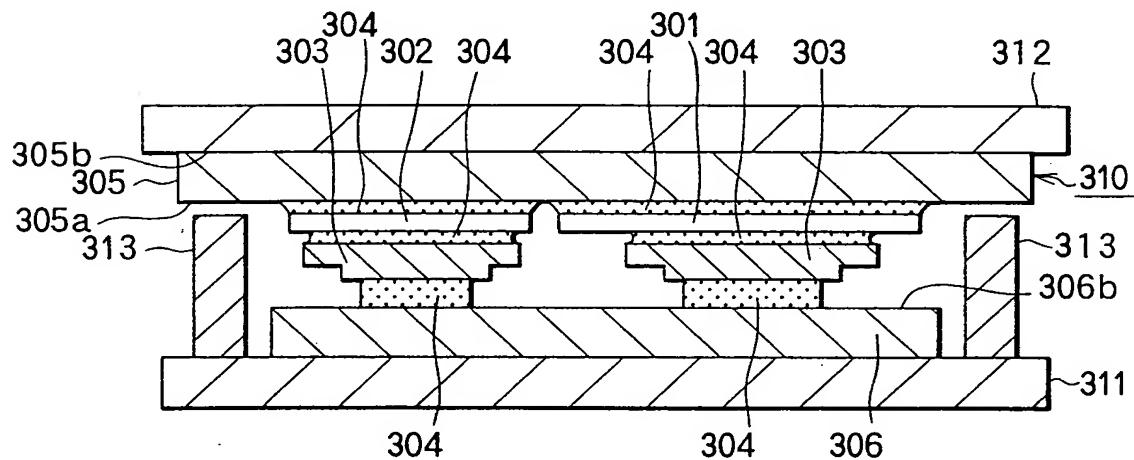


FIG. 20C

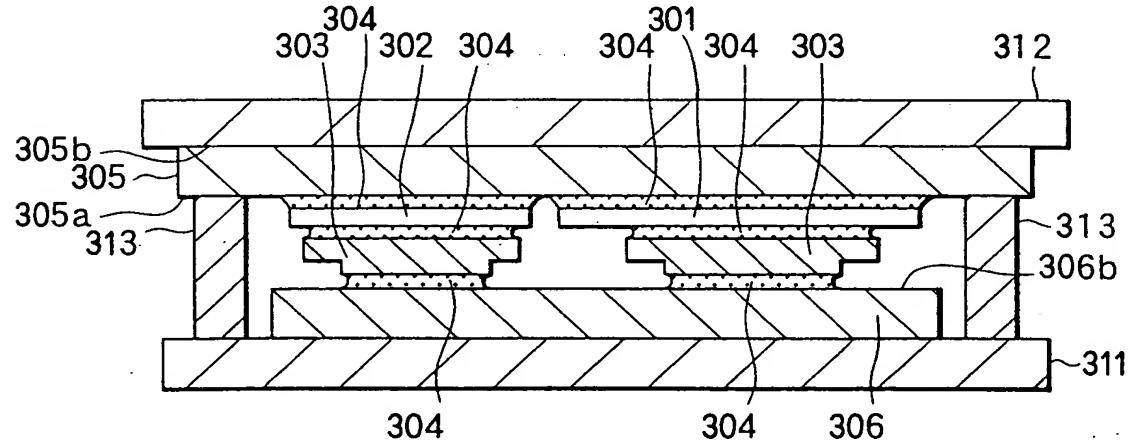


FIG. 21

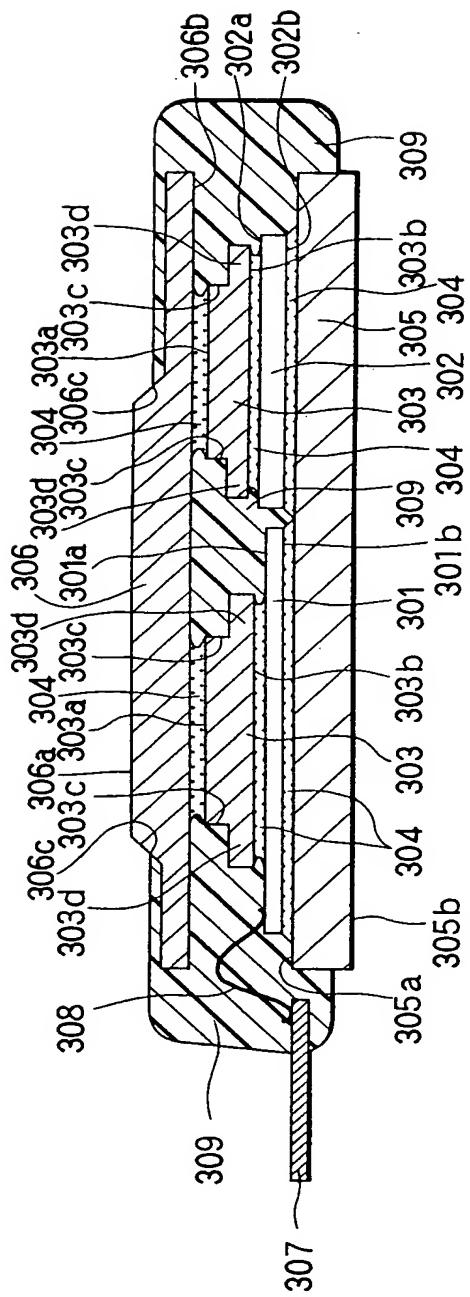


FIG. 22

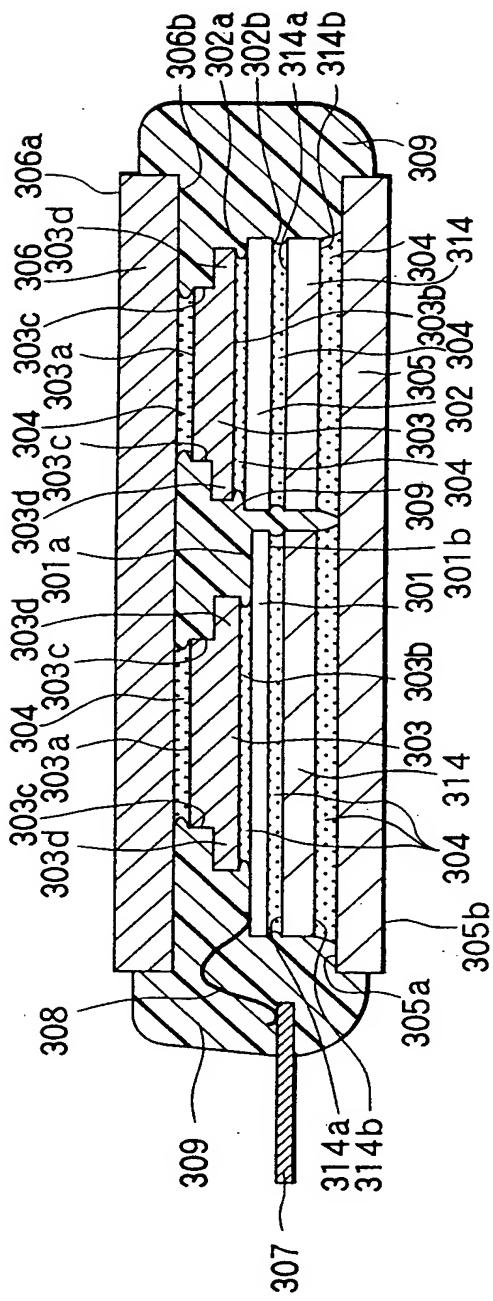


FIG. 23

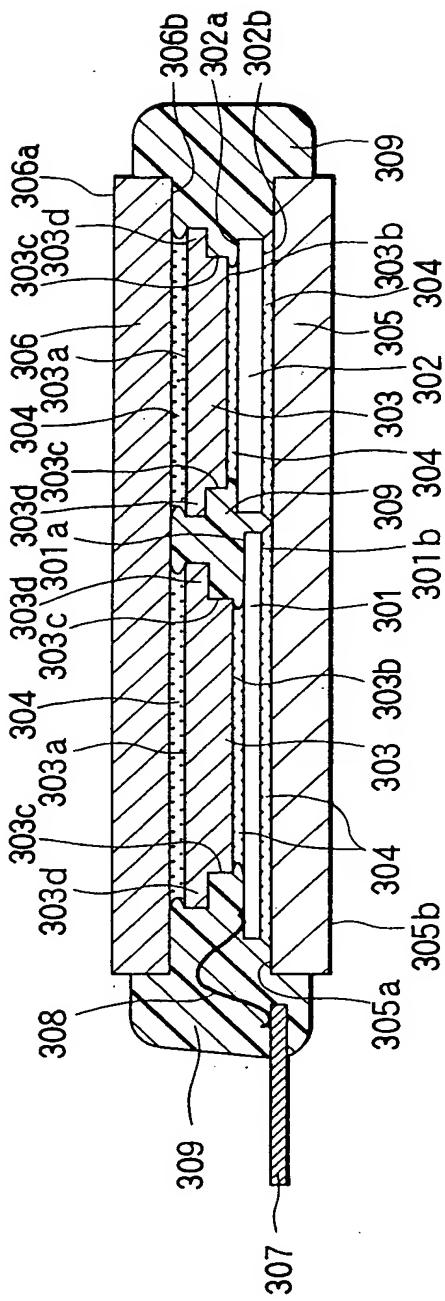


FIG. 24

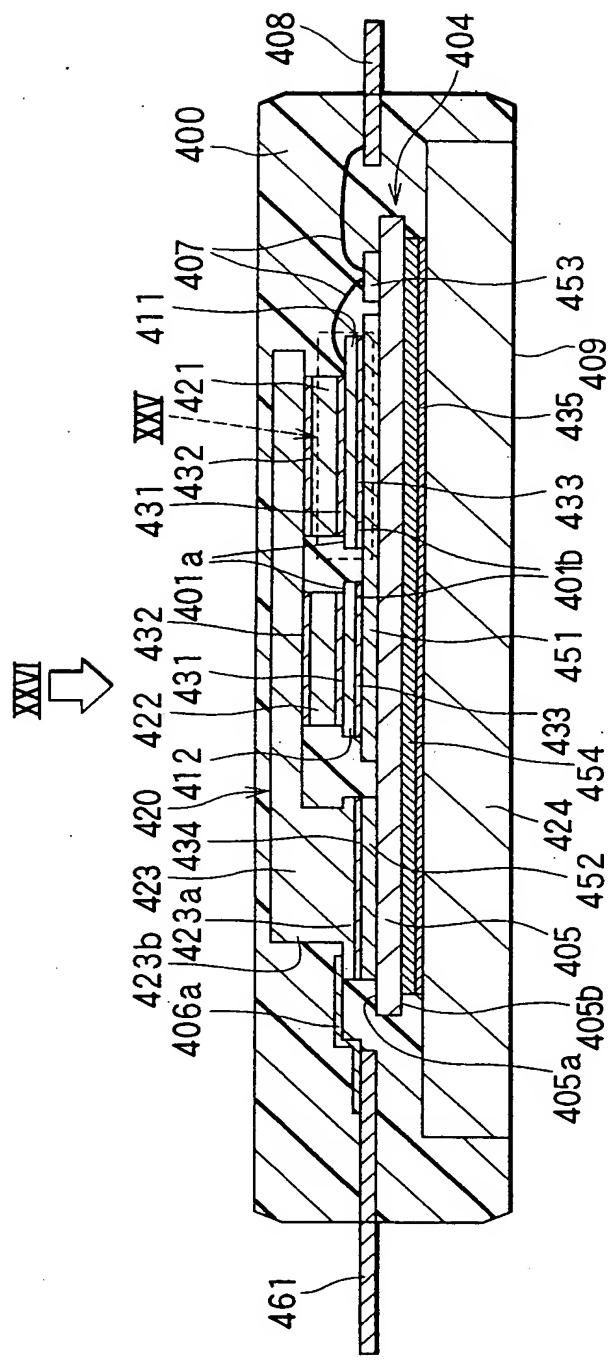


FIG. 25

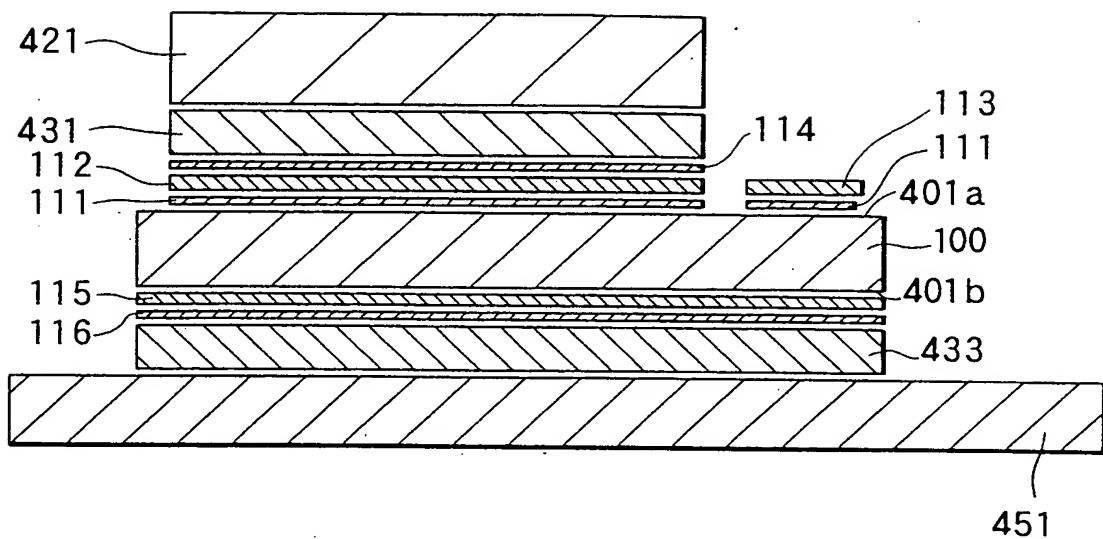


FIG. 26

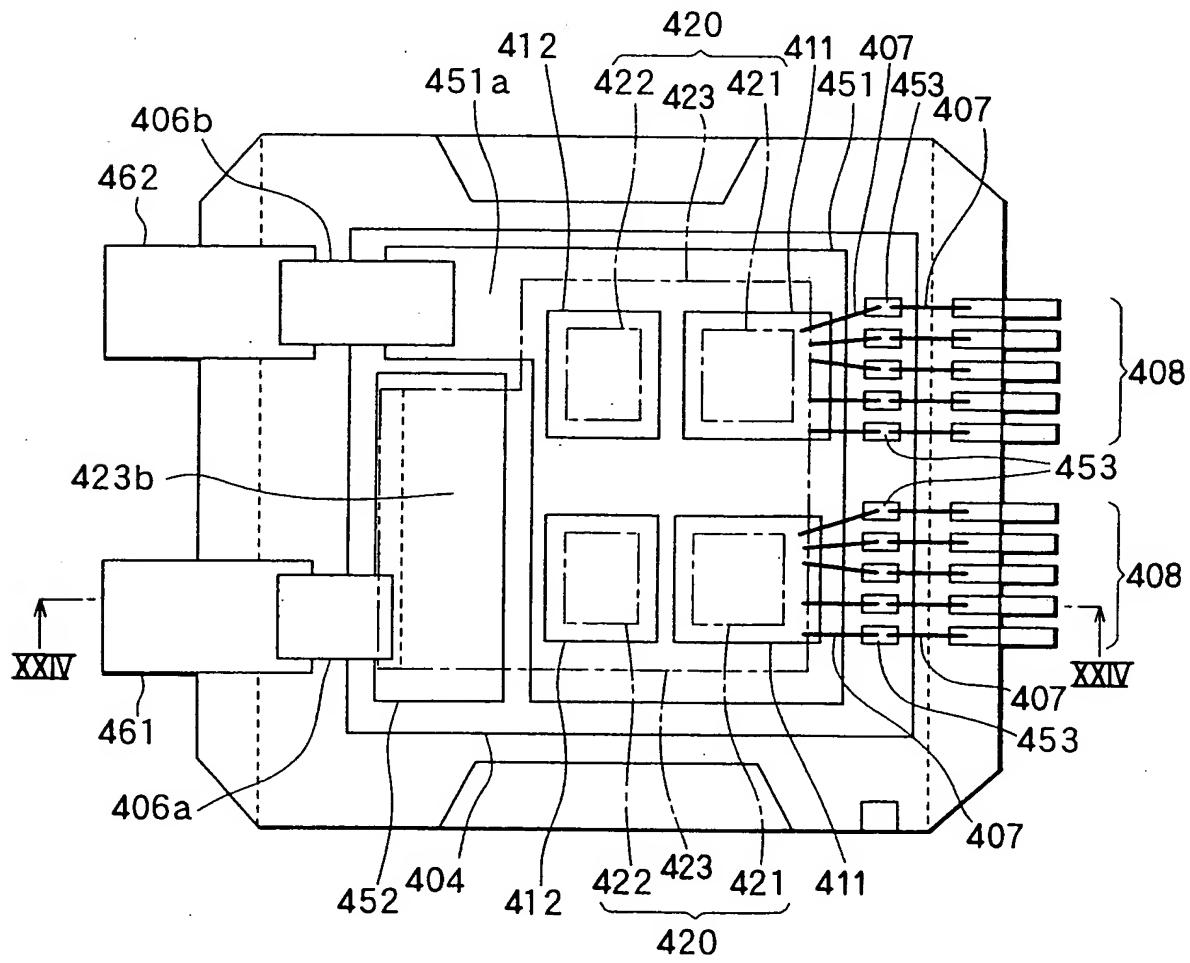


FIG. 27

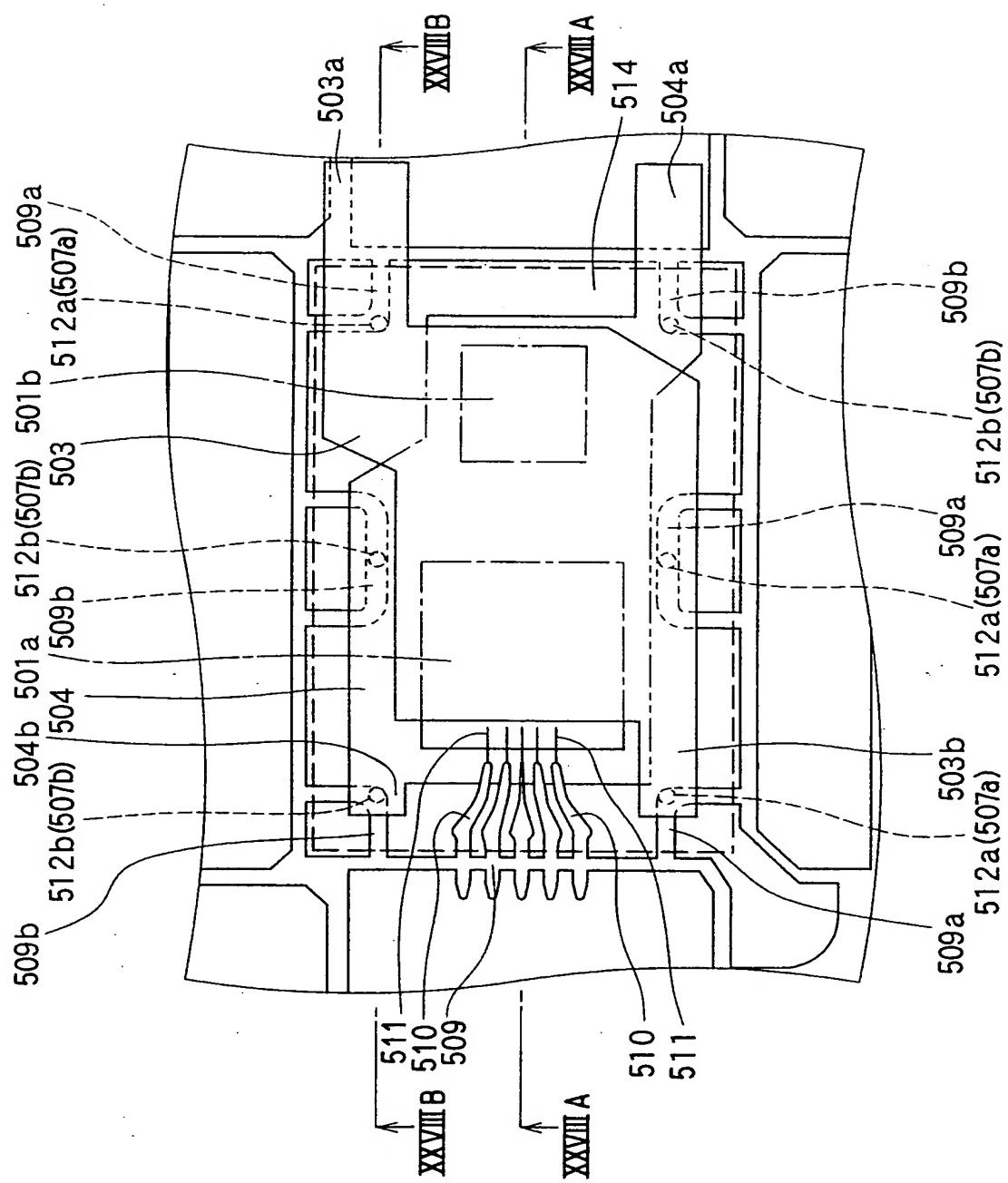


FIG. 28A

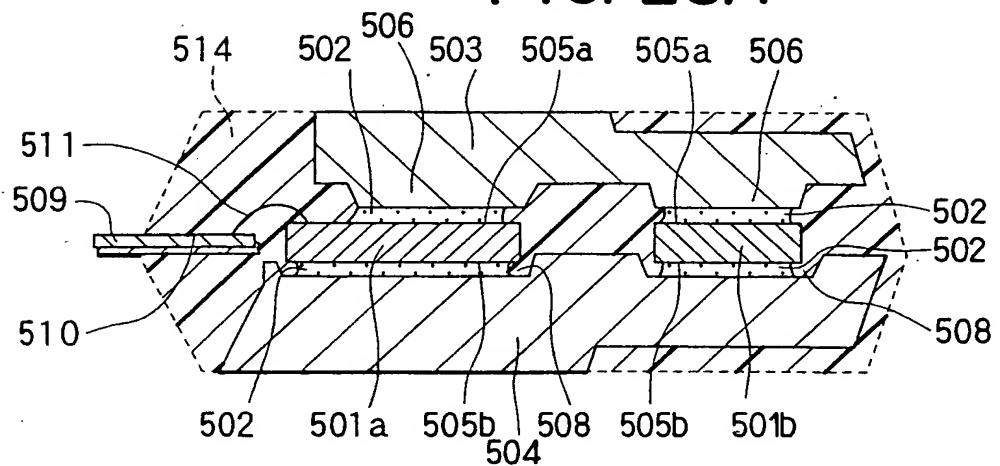


FIG. 28B

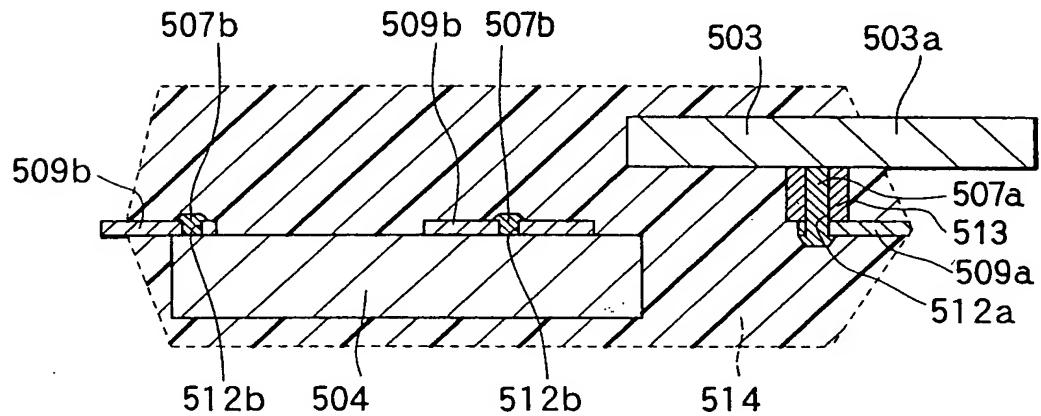


FIG. 29.

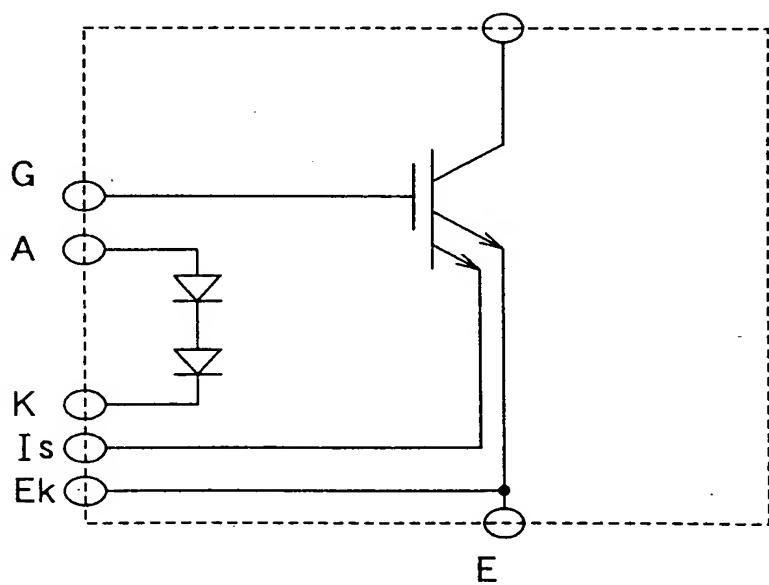


FIG. 30A

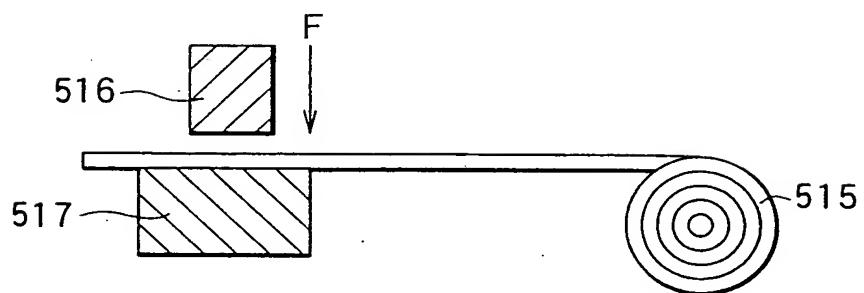


FIG. 30B

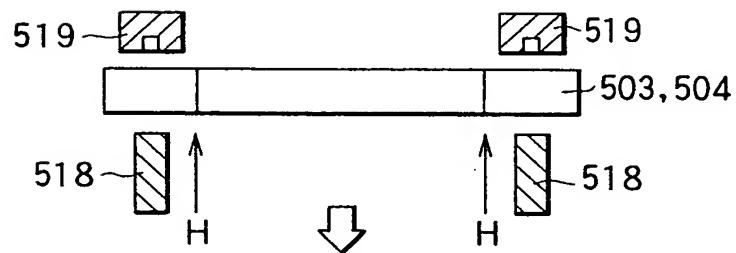


FIG. 30C

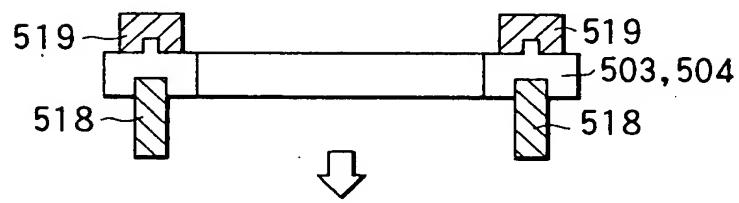


FIG. 30D



FIG. 31

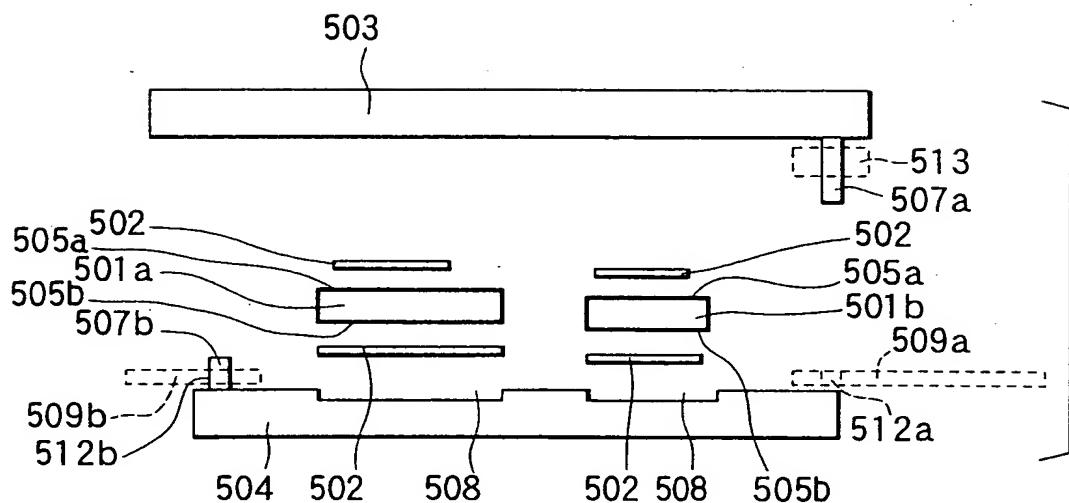


FIG. 32A

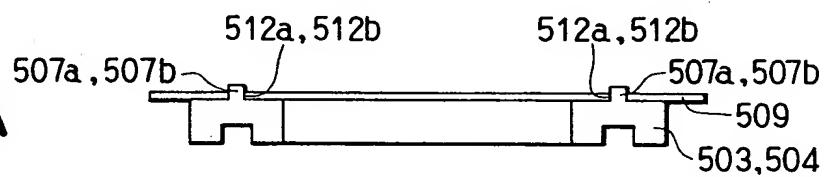


FIG. 32B

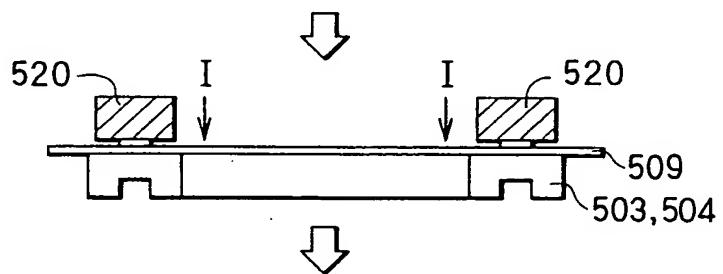


FIG. 32C

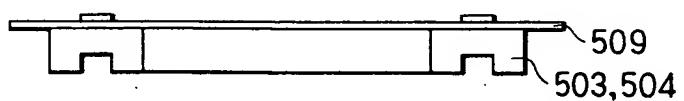


FIG. 33

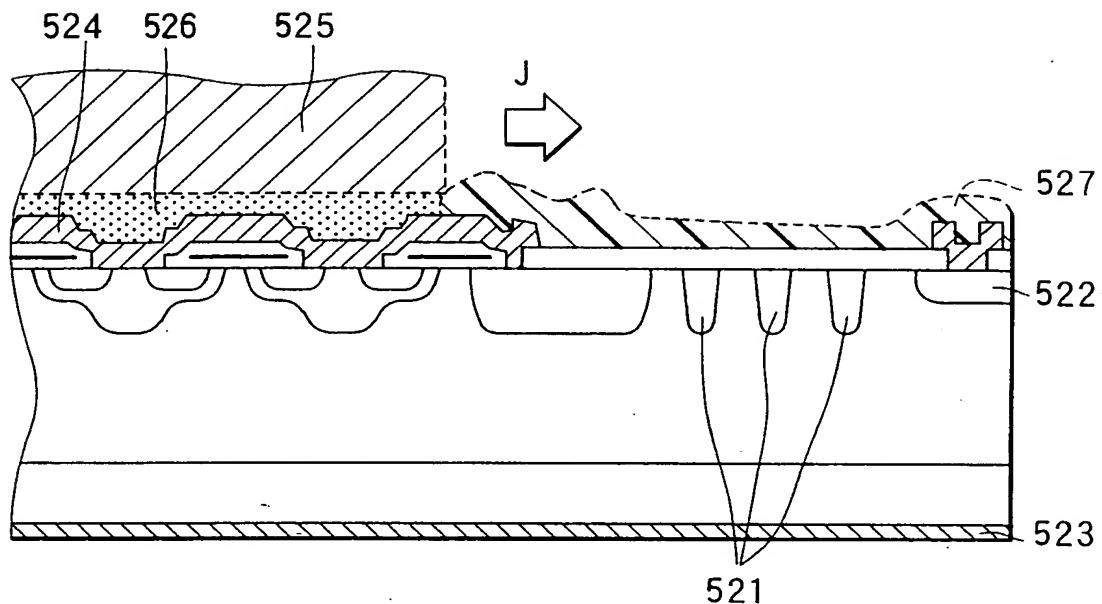


FIG. 34

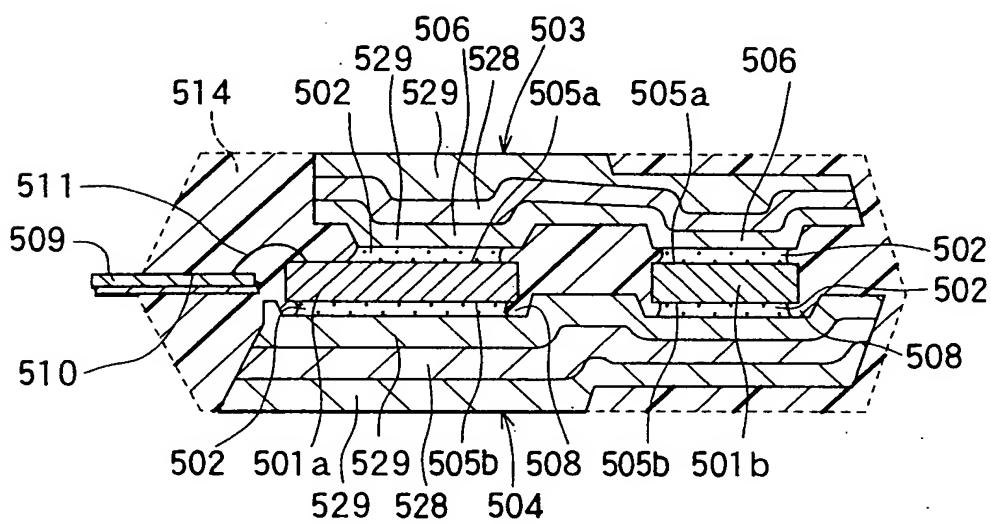


FIG. 35A

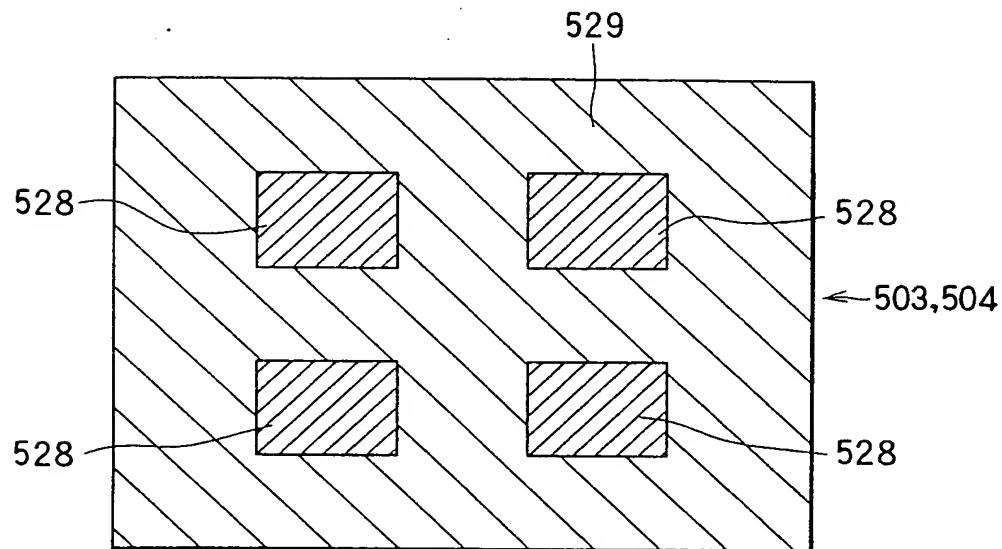


FIG. 35B

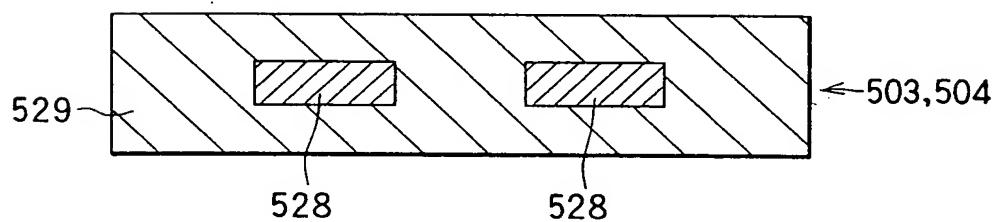


FIG. 36

